

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Thomas Ficker et al.
Serial No: 10/563,969
Filed: 1/6/2006
Title: Annular Composite Workpieces and a Cold-Rolling Method for Producing
Said Workpieces
Examiner: Essama Omgba
Art Unit: 3726

Commissioner for Patents

Alexandria, VA 22313-1450

RESPONSE AFTER FINAL PURSUANT TO 37 CFR 1.116

In response to the office action dated 9/2/2009, applicant submits the following:

REMARKS

Claims 14, 16-20, 22-30 are pending in the application.

Claims 14, 16-20, and 22-30 stand rejected under 35 USC 103(a) as being unpatentable over applicant's admitted prior art and U.S. 4,794,471.

The examiner argues that with respect to claims 14, 29, and 30 the instant specification (pages 1 and 2) discloses that cold rolling for producing an annular composite workpiece is known wherein the first hollow cylindrical workpiece is inserted into the second hollow cylindrical workpiece, the workpieces made of different materials, and axial roll forming then produces a composite workpiece of the first and second hollow cylindrical workpieces. Examiner further states that this text portion does not disclose the first and second workpieces having radial play relative to one another when inserted into one another and that axial roll forming is being performed by pressing the first and second hollow cylindrical workpieces against each other between diametrically opposed outer roll forming tools and inner arbor or between two diametrically opposed outer roll forming tools and inner roll forming tools.